

WHAT IS CLAIMED IS:

1. A panel for modular construction of partitions and walled structures, said panel having a top, a bottom, two major surfaces and two minor side surfaces, a first of said side surfaces being provided with a first profile and a second of said side surfaces being provided with a second profile, wherein said first profile and said second profile are provided with means for complementary engagement with a profile of an adjacently-positioned panel, and wherein each of said first profiles is provided with two inter-engagement means arranged at angle of about 90° to each other enabling the alternative inter-engagement of two adjacent panels with an angle of 180° therebetween, and at an angle of about 90° therebetween.
2. A panel for modular construction according to claim 1, wherein said profiles are substantially co-extensive with the height of the side surface to which they are attached.
3. A panel for modular construction according to claim 1, wherein said first and said second profiles inter-engage by the provision in said first profile of a first curved recess at the outer edge of said first profile and a second curved recess on a side of one of said major surfaces, said second profile being provided with a curved extending elongated hook-like means which can be inserted into said first recess for inter-connection of adjacent panels at an angle of 180° therebetween, and inserted in said second curved recess for inter connection of adjacent panels at an angle of about 90° therebetween.
4. A modular system for partition construction including panels according to claim 1, further provided with elastomer end plugs which can be fitted into the open ends of said first and said second profiles, a first end plug having upper projections and a second end plug having upper recesses matching said projections of said first end plug.

5. A modular system for partition construction including panels according to claim 1, further provided with flat bottom U-shaped elements sized to fit over said panel tops, to retain a pair of adjacent panels at an angle of 180° therebetween.

6. A modular system for partition construction in according to claim 5, wherein a recess is provided in said flat bottom of said U-shaped element to allow passage for end plugs according to claim 4.

7. A modular system for partition construction including panels according to claim 1, further provided with a door panel hingedly suspended between an upper and a lower horizontal beam member.

8. A modular system for partition construction including panels according to claim 7, wherein said door panel is provided with four retractable hinge pins one retractable hinge pin being proximate to each of the corners of said door panel, said hinge pins when deployed engaging bush elements held by said beam members, said door panel being hinged proximate to the right edge when only the right side hinge pins are deployed, said door panel being hinged proximate to the left edge when only the left side hinge pins are deployed, said door panel being locked when at least three hinge pins are deployed and being removable when all hinge pins are retracted.

9. A modular system for construction of a tabernacle booth (sukka) including panels according to claim 1, further provided with wooden beams which can be laid in an array over said booth, said beams being supported by opposing panels.

10. A modular system for construction of a tabernacle booth according to claim 9, further provided with flat bottom U-shaped elements sized to fit over said panel tops to retain a pair of adjacent panels at an angle of 180° therebetween, wherein a leg of said U-shaped element is extended to provide

a support and to horizontally hold a wooden beam adjacent to and parallel to said panels at a level lower than said top of said panels.

11. A modular system for construction of a tabernacle booth according to claim 10, further provided with wooden beams which can be laid in an array over said wooden beams supported in said extended U-shaped elements located at opposing walls of said booth.

12. A modular system for construction of a tabernacle booth according to claim 11, wherein said wooden beams are notched at a lower surface adjacent to each wooden beam extremity, said notch being sized to engage said top of said panel.

13. A profile for use in a panel for modular construction of partitions and walled structures, said profile being provided with two inter-engagement means arranged at angles of about 90° to each other enabling the alternative inter-engagement of said profile and the panel to which it is attached with an adjacent panel at an angle of 180° therebetween, and at an angle of about 90° therebetween.